

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.				U.S. Department of Labor Occupational Safety and Health Administration(Non- Mandatory Form) Form Approved OMB No. 1218-0072			
IDENTITY (As used on Label and list) - Pencil Lead (PL5, PL7) Black				Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.			
Section 1							
Manufacturer's Name The Pilot Precision Co., LTD				Telephone Number +81-463-55-1230			
Address(Number, Street, City State & Zip) 1667 Tamura Hiratsuka-City				Fax Number +81-463-55-1392			
Kanagawa, Japan 254-0013				Date Prepared September 25, 2007			
				Signature of Preparer(Optional)			
Section II - Hazardous Ingredients/Identity Information							
Hazardous Components(Specific Chemical Identity;Common Name(s))				OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NAME	CAS. NO.	TLV(PPM)	WT. (%)	COMPONENT			
Graphite	7782-42-5		18				
Silicone Oil	63148-62-9		20				
Section III - Physical/Chemical Characteristics							
Boiling Point				Specific Gravity (H2O=1)			
Vapor Pressure(mm Hg)				Melting Point			
Vapor Density(Air=1)				Evaporation Rate (Butyl Acetate = 1)			
Solubility in Water Insoluble							
Appearance and Odor Odorless							
Section IV - Fire and Explosion Hazard Data							
Flash Point(Method Used) 260 dg C (Oil)			Flammable Limits		LEL	UEL	
Extinguishing Media Foam, dry chemical, or carbon dioxide							
Special Fire Fighting Procedures Not required							
Unusual Fire and Explosion Hazards None							
Section V- Reactivity Data							
Stability		Unstable				Conditions to Avoid	

	Stable	X			
Incompatibility (Materials to Avoid)					
Hazardous Decomposition or Byproducts					
Hazardous Polymerization	May Occur		Condition to Avoid		
	May Not Occur				
Section VI - Health Hazard Data					
Route(s) of Entry:	Inhalation? <i>N/A</i>	Skin?	Ingestion?		
Health Hazards(Acute and Chronic)					
Carcinogenicity:	NTP? <i>None</i>	IARC Monographs? <i>None</i>	OSHA Regulated? <i>None</i>		
Signs and Symptoms of Exposure					
Medical Conditions					
Generally Aggravated by Exposure <i>N/A</i>					
Emergency and First Aid Procedures					
<i>Ingestion: Wash out mouth with water; Seek medical help. Eyes: Flush with clean water for at least 15 mins.. Skin: Remove product from skin with cloth and wash exposed area with detergent.</i>					
Section VII - Precautions for Safe Handling and Use					
Steps to Be Taken in Case Material is Released or Spilled					
<i>Remove black lead by vacuum suction.</i>					
Waste Disposal					
<i>In accordance with national, state and local regulations.</i>					
Precautions to Be Taken in Handling and Storing <i>Avoid rough handling, in accordance with national, state and local regulations.</i>					
Other Precautions					
Section VIII - Control Measures					
Respiratory Protection(Specify Type)					
Ventilation	Local Exhaust	Special			
	Mechanical(General)	Other			
Protective Gloves		Eye Protection			
Other Protective Clothing or Equipment					
Work/Hygienic Practices					



[RETURN TO DATA SHEET INDEX](#)

